



L Number	Hits	Search Text	DB	Time stamp
1	1	("5638097").PN.	USPAT;	2003/07/21 15:40
			US-PGPUB	
2	15	"ink level" same ("turn off" or "shut down" or "cease	USPAT;	2003/07/21 15:43
		printing" or "end printing")	US-PGPUB	

L Number	Hits	Search Text	DB	Time stamp
1	209	ricoh.as. and piezoelectric and 347/\$.ccls.	USPAT;	2003/07/21 13:25
			EPO; JPO;	
			DERWENT	
2	35	(ricoh.as. and piezoelectric and 347/\$.ccls.) and	USPAT;	2003/07/21 13:29
		347/7-14.ccls.	EPO; JPO;	
			DERWENT	
3	671	(347/7).CCLS.	USPAT;	2003/07/21 14:41
			US-PGPUB;	
			EPO; JPO;	
		_	DERWENT	
4	0	347/7.ccls. and piezoelectric and (ink near2 level)	EPO; JPO;	2003/07/21 14:41
			DERWENT	
5	4	347/7.ccls. and piezoelectric	EPO; JPO;	2003/07/21 14:48
_			DERWENT	
6	15	347/14.ccls. and piezoelectric	EPO; JPO;	2003/07/21 14:49
_		2-4-4	DERWENT	0000/07/04 44 54
7	204	347/14.ccls. and piezoelectric	USPAT;	2003/07/21 14:54
	700	(247/44) 6016	US-PGPUB	2002/07/24 44 55
8	783	(347/14).CCLS.	USPAT;	2003/07/21 14:55
			US-PGPUB;	
			EPO; JPO;	
_	783	(247(14) CCI C	DERWENT	2002/07/24 44:55
9	/63	(347/14).CCLS.	USPAT;	2003/07/21 14:55
			US-PGPUB;	
			EPO; JPO; DERWENT	
10	702	(347/14).CCLS.	USPAT;	2003/07/21 14:55
10	702	(37//17).0013.	EPO; JPO;	2003/07/21 14:55
			DERWENT	
	I		DEKWENT	i

9

WEST Search History

DATE: Monday, July 21, 2003

Set Name side by side Query Hit Count Set Name result set

DB=JPAB,EPAB,DWPI; PLUR=YES; OP=OR

L1 JP-56039414-\$.did. 1 L1

END OF SEARCH HISTORY

, ****

Generate Collection

L1: Entry 1 of 1

File: JPAB

Apr 15, 1981

PUB-NO: JP356039414A

DOCUMENT-IDENTIFIER: JP 56039414 A

TITLE: INK DETECTOR FOR INK JET RECORDER

PUBN-DATE: April 15, 1981

INVENTOR-INFORMATION:

NAME

COUNTRY

OOTA, SHUICHI

US-CL-CURRENT: 347/7INT-CL (IPC): G01D $\overline{15}/18$; B41J 3/04